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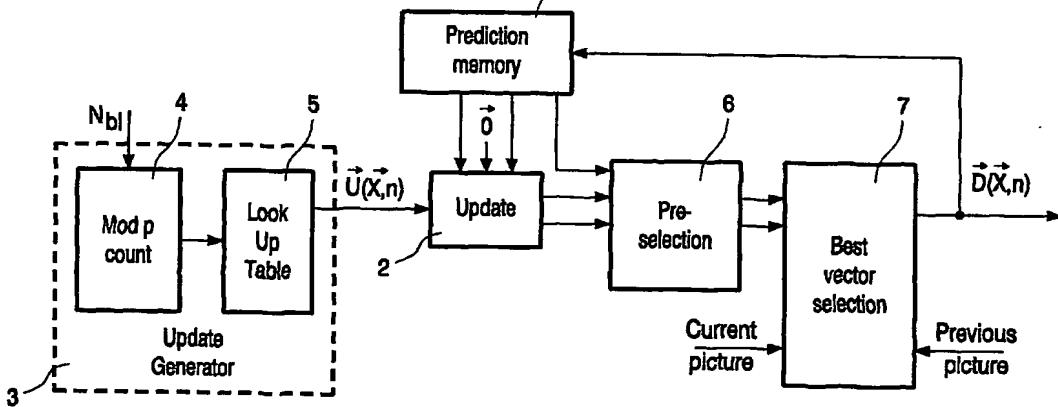
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(54) Title: EFFICIENT PREDICTIVE IMAGE PARAMETER ESTIMATION



(57) Abstract: The invention relates to a method for recursively estimating local vectors from at least one picture taken from an image sequence. To reduce the computational complexity of the estimation method without deteriorating its accuracy, it is proposed that the method comprises the steps of generating a first set of candidate vectors under at least partial use of recursion, selecting candidate vectors from the first set of candidate vectors according to a first criterion to form a smaller second set of candidate vectors, evaluating the candidate vectors of the second set of candidate vectors for a group of pixels based on a second criterion, determining the best vectors from the second set of candidate vectors according to said second criterion and assigning said determined best vectors to a group of pixels that is related to the group of pixels the candidate vectors of the second set of candidate vectors were evaluated for. The invention further relates to a device for recursively estimating local vectors from at least one picture taken from an image sequence, and to a computer program product comprising software code portions for recursively estimating local vectors from at least one picture taken from an image sequence.

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